

Registration

Conference ticket¹⁾

for participants from industry
for participants from academia
for students³⁾
Early bird reduction⁵⁾

Regular Member ²⁾	615 €
	415 €
	215 €
	50 €

The conference ticket includes coffee breaks, lunch and dinner on 29 and 30 September, and a Bavarian breakfast on 1 October.

Accommodation package⁴⁾
(4 nights incl. breakfast at Kloster Seeon or a nearby guesthouse, visit to Herrenchiemsee castle, conference dinner)

	380 €
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Accommodation package for accompanying persons⁴⁾
(4 nights incl. breakfast in a double room at Kloster Seeon or a nearby guesthouse, visit to Herrenchiemsee castle, conference dinner)

	280 €
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Conference Office

DECHEMA e.V.
Monika Locherer
Theodor-Heuss-Allee 25
D-60486 Frankfurt am Main
Phone: + 49 69 7564 239
Fax: + 49 69 7564 117
E-Mail: seeon@dechema.de

Conference Venue

Kloster Seeon
Klosterweg 1
D-83370 Seeon
Phone: +49 8624 897-0
Fax: +49 8624 897-210
E-Mail: kontakt@kloster-seeon.de

¹⁾ Not subject to VAT according to § 4.22 UStG
²⁾ Personal DECHEMA, VDI-GVC members and EFC/EFCE passport holders
³⁾ proof of status required
⁴⁾ incl. 19 % VAT
⁵⁾ for registrations before 1st June 2008

Since 1993 (after 7 years of reconstruction) Kloster Seeon has become the "Cultural and Educational Centre for the District of Upper Bavaria". Although there are no more monks living in the Seeon monastery nowadays, St. Benedict's rule still serves as an inspiration and a timeless guideline for running the centre today.

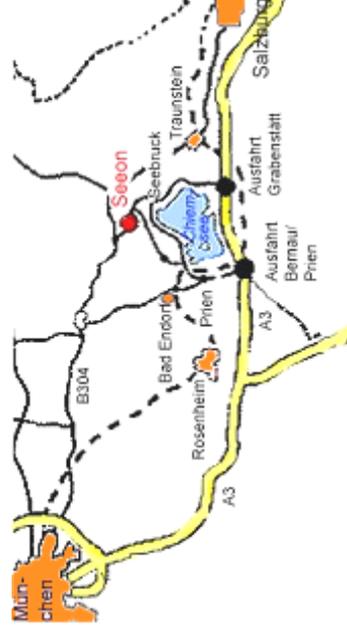
How to reach Seeon

By car from Munich:
Leave motorway A 8 at exit 106 (Bernau), from there via Prien, Gstadt, Seebuck to Seeon.

By car from Salzburg:
Leave motorway A 8 at exit 109 (Grabenstätt) and go on via Chieming and Seebuck to Seeon.

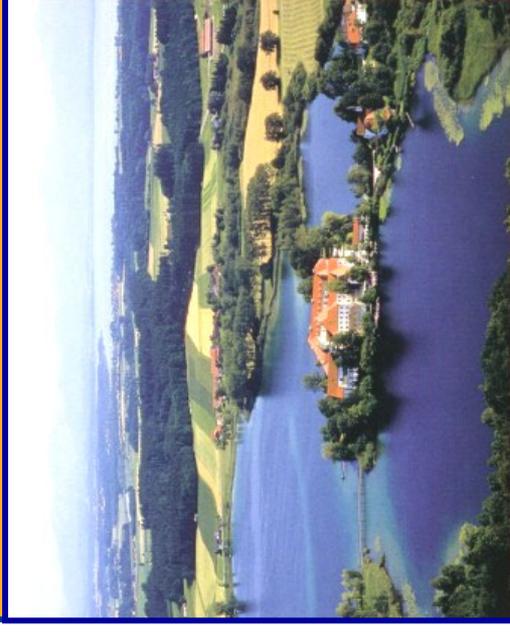
By plane./ train:
From Salzburg airport to Traunstein. There are regular bus links from the airport to Salzburg central station. Trains from Salzburg take you to Traunstein in about half an hour. Using a taxi from there to Seeon costs 35 – 40 € and takes 25 min. On 28 September a bus from Traunstein to Seeon will be organised for the conference participants, leaving Traunstein at about 17:00 h.

From Munich airport to Bad Endorf. Use S-train to München-Ost. From München-Ost or from main station to Bad Endorf. Using a taxi from Bad Endorf to Seeon costs 28 – 30 € and takes about 20 min. For the conference participants a bus will be organised on 28 September, leaving Bad Endorf at about 17:00 h.



5th International Conference on Combinatorial and High-Throughput Materials Science

Invitation and Call for Posters



28.9.2008 - 2.10.2008
Kloster Seeon, Bavaria, Germany

Organiser:



Co-Organiser:



www.dechema.de/seeon

A Unique Opportunity

to meet the most active people in the area of combinatorial and high-throughput materials science. This conference offers an exclusive forum to present the most recent developments in an informal atmosphere. It facilitates an active interchange of challenging ideas in open discussions among the leading players in the field. The total number of participants is restricted to 120 to ensure the best possible conditions for in-depth communication.

Main topic areas include, but are not limited to, data mining / modelling, organic synthesis, polymers, biocatalysts / biomaterials, devices / multiplexing, sensors / fuel cells, catalysis, industrial applications and electronic materials.

Each topic area will be introduced to the audience by plenary speakers, a recognised leading expert in the field, deepened by prominent experienced senior scientists and new pathways illustrated by promising young scientists. Speakers with academic and industrial research backgrounds have been invited.

The programme also includes several "hot-slot" lectures. These lectures will be selected at short notice from the most exciting abstracts submitted for poster presentation.

Chairs of the Conference

Eric Amis (NIST)
Avelino Corma (University of Valencia)
Wolfgang Schrof (BASF SE)

Scientific Committee

Thomas Brinz (Robert Bosch GmbH)
Dirk Demuth (hte AG)
Calum Drummond (CSIRO)
Eduardo Fallabela de Souza Aguiar (Petrobras)
Michael Faselka (NIST)
Alfred Hagemeyer (Süd-Chemie AG)
Joachim Kohn (Rutgers University)
Wilhelm Maier (Saarland University)
Claude Mirodatos (Ircelyon-CNRS)
Radislav Potyrailo (General Electric)
Hans-Thomas Schacht (Ciba AG)
Ulrich Schubert (Dutch Polymer Institute and Friedrich Schiller University of Jena)
Ulrich Simon (RWTH Aachen)
Eugene S. Smotkin (Northeastern University)
Ichiro Takeuchi (University of Maryland)
Seong Ihl Woo (KAIST)
Horst-Werner Zanthoff (Evonik Degussa GmbH)

Submission of Posters

Participants are invited to submit an abstract for poster presentation. The decision of acceptance will be based on the review of one-page abstracts (incl. figures) by the scientific committee. The most interesting abstracts submitted will be invited for oral presentation in one of the "hot-slot" lectures.

Abstracts can be submitted online until **1st August** at www.dechema.de/seeon.

Important Deadlines

01.06.2008 Early bird registration deadline
01.08.2008 Deadline for poster abstracts
15.09.2008 Final deadline for registration

Exhibition

Companies are invited to present their products and solutions related to the topic of this conference. If you are interested, please contact the conference office.

Social Programme

- Get-together on 28 September
- Visit to Herrenchiemsee castle 30 September
- Conference dinner on 1 October

Sponsoring

The following companies and organisations generously support the conference (further support is welcome):



Copyright of the pictures:
Airborne view of Seeon courtesy of Fotostudio Christoph Vohler, München
Copper engraving taken from "Topographia Germaniae des Matthaeus Merian" around 1644



Preliminary Programme

Sunday, 28 September 2008

16:00 Registration

18:45 Welcome and opening

Polymers

19:00 P: Andrew Groth (CSIRO/AUS)
Combinatorial approaches to automated radical and condensation polymerisations

20:00 I: Kathryn L. Beers (NIST/USA)
Microreactors for copolymer design
20:40-23:00 *Informal get-together*

Monday, 29 September 2008

Catalysis

9:00 P: Gerhard Mestl (Süd-Chemie AG/D)
High-throughput screening from an industrial perspective

10:00 I: Jens Klein (htc AG/D)
Catalysis - challenges and solutions
10:40 *Coffee break*

11:00 I: Damian A. Hajduk (Symyx Technologies Inc/USA)
High-throughput at high viscosities: From reactive materials to polymer melts

11:40 H: Hot-slot lecture
12:20 *Lunch*

Sensors and Fuel Cells

13:20 P: Alfred Ludwig (Bochum University/D)
Combinatorial development of multifunctional materials

14:20 I: Ulrich Simon (RWTH Aachen/D)
High-throughput screening of gas sensing materials

P = Plenary lecture **PE** = Poster session
I = Invited lecture and exhibition
H = Hot-slots **W** = Workshops

5th International Conference on Combinatorial and High-Throughput Materials Science

Wednesday, 1 October 2008

9:00 W: Résumé of the workshops

Data Mining and Modelling

10:00 P: Gadi Rothenberg (University of Amsterdam/NL)
Predictive modelling: From dream to reality
11:00 *Bavarian breakfast and open discussions*

13:00 PE Poster session and exhibition

18:00 P: Fred Hamprecht (Heidelberg University/D)
Pattern recognition and image processing

19:00 I: Laurent Baumes (University of Valencia/E)
Using computers to assist solving problems of materials science
19:40-23:00 *Conference dinner*

Thursday, 2 October 2008

Electronic Materials

9:00 P: Toyohiro Chikyow (NIMS/J)
System to create a combinatorial thin film library

10:00 I: Seong Ihl Woo (KAIST/ROK)
Discovery of novel electrocatalysts for fuel cells using high-throughput screening methods
10:40 *Coffee break*

Organic Synthesis

11:00 P: Jan Genzer (North Carolina State University/USA)
Unraveling chemistry, molecular orientation, and growth mechanisms in self-assembled monolayers on surfaces through combinatorial screening

11:40 I: Oliver Kappe (University of Graz/A)
High-throughput organic synthesis using microwave heating technology

12:20 H: Hot-slot lecture

13:00 Final remarks

13:20 End of conference

Biocatalysts and Biomaterials

15:00 P: Joachim Kohn (Rutgers University/USA)
Combinatorial discovery approaches accelerate the development of bioresorbable medical implants

16:00 PE Poster session and exhibition
18:00 *Dinner*

19:00 P: Matthew L. Becker (NIST/USA)
Using combinatorial approaches to your advantage in biomaterials research

20:00 PE Poster session and exhibition

Tuesday, 30 September 2008

Devices and Multiplexing

9:00 P: Patrick Maestro (Rhodia/F)
Tools and methodologies to increase R&D productivity: Devices and multiplexing at Rhodia Lab of the Future

10:00 I: Oliver Trapp (MPI for Coal Research/D)
High-throughput screening techniques in catalysis
10:40 *Coffee break*

11:00 H: Hot-slot lecture

11:40 H: Hot-slot lecture

12:20 *Lunch*

13:20 *Visit of Herrenchiemsee*
18:00 *Dinner*

Industrial Applications

19:00 P: Jay Eylem (P&G/USA)
High throughput capabilities in P&G fabric and home care

20:00 I: John Hammond (Syngenta/UK)
Formulating for the future – making beer better

20:40 W: Workshops

REGISTRATION

5th International Conference on Combinatorial and High-Throughput Materials Science 28 September – 2 October 2008, Kloster Seeon, Bavaria / Germany

I would like to order

one conference ticket¹⁾ for

participants from industry

participants from academia

students (proof of status required)

Regular

€ 615

€ 415

€ 215

Member²⁾

€ 600

€ 400

€ 200

A reduction of 50 € on the conference ticket will be granted for registration before 1 June 2008.

The conference ticket includes coffee breaks, lunch and dinner on 29 + 30 September, bavarian breakfast on 1 October.

one accommodation package for participants³⁾

€ 380

The accommodation package includes accommodation at Kloster Seeon or a nearby guesthouse (4 nights incl. breakfast), excursion to Herrenchiemsee on 30 September, conference dinner on 1 October.

one accommodation package for accompanying persons³⁾
(1 additional person in double room)

€ 280

The accommodation package includes accommodation at Kloster Seeon or a nearby guesthouse (4 nights incl. breakfast), excursion to Herrenchiemsee on 30 September, conference dinner on 1 October.

Please help us organise your stay at Seeon with the following details:

Arrival date _____ at _____ (time) Departure date _____ at _____ (time)

I want to use the bus shuttle on 28 Sept. from Bad Endorf station Traunstein station

I do not need a hotel room

I am a vegetarian

I will pay the total amount

by bank transfer after receipt of the invoice

by credit card (please indicate accordingly)

Mastercard

Visa

Amex

Diners

Card no: _____ Expiry date: ____ / ____

Mr. Ms

Name, First name, Title: _____

Company/University: _____

Department/Institute: _____

Street/P.O. Box: _____

Postal Code/Place: _____

Country: _____

Phone / Fax / E-mail: _____

Name of accompanying person: _____

Place, Date

Signature

¹⁾ No VAT requested acc. to § 4.22 UStG

²⁾ Personal DECHEMA-members or EFC/EFCE-passport holders

³⁾ including 19 % VAT